RAW SEQUENCE LISTING
PATENT APPLICATION US/09/489,394

DATE: 02/15/2000
TIME: 15:36:04

Input Set: I489394.RAW

This Raw Listing contains the General Information Section and up to first 5 pages.

P5 # 5

ENTERED

<110> APPLICANT: Genentech, Inc., Hsei, Vanessa
Koumenis, Iphigenia
Leong, Steven R.
Shahrokh, Zahra
Zapata, Gerardo A.
<120> TITLE OF INVENTION: ANTIBODY FRAGMENT-POLYMER CONJUGATES AND USES OF SAME
<130> FILE REFERENCE: P1085R6
<140> CURRENT APPLICATION NUMBER: US/09/489,394
<141> CURRENT FILING DATE: 2000-01-21
<150> EARLIER APPLICATION NUMBER: US 60/116,787
<151> EARLIER FILING DATE: 1999-01-21
<160> NUMBER OF SEQ ID NOS: 72
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55 <210> SEQ ID NO 8
56 <211> LENGTH: 35
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69 <212> TYPE: DNA
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74 <211> LENGTH: 39
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77 <400> SEQUENCE: 11
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82 <213> ORGANISM: Mus musculus
83 <400> SEQUENCE: 12
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86 <211> LENGTH: 39
87 <212> TYPE: DNA
88 <213> ORGANISM: Mus musculus
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92 <211> LENGTH: 39
93 <212> TYPE: DNA
94 <213> ORGANISM: Mus musculus

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cctggtatca acagaaacca gggcaatctc ctaaagcact gatttactcg 150
tcatcctacc ggtacagtgg agtccctgat cgcttcacag gcagtggatc 200
tgggacagat ttcactctca ccatcagcca tgtgcagtct gaagacttgg 250
cagactattt ctgtcagcaa tataacatct atcctctcac gttcggtcct 300
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catcttccca ccattcgaa 369
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Gly Asp Arg Val Ser Val Thr Cys Lys Ala Ser Gln Asn Val Gly
             20                  25                  30
Thr Asn Val Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ser Pro Lys
         35                  40                  45
Ala Leu Ile Tyr Ser Ser Ser Tyr Arg Tyr Ser Gly Val Pro Asp
     50                  55                  60
Arg Phe Thr Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile
 65                  70                  75
Ser His Val Gln Ser Glu Asp Leu Ala Asp Tyr Phe Cys Gln Gln
             80                  85                  90
Tyr Asn Ile Tyr Pro Leu Thr Phe Gly Pro Gly Thr Lys Leu Glu
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Leu Lys Arg Ala Asp Ala Ala Pro Pro Thr Val Ser Ile Phe Pro
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Pro Phe Glu
123
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ggattcatat tcagtagtta tggcatgtct tgggttcgcc agactccagg 150
caagagcctg gagttggtcg caaccattaa taataatggt gatagcacct 200
attatccaga cagtgtgaag ggccgattca ccatctcccg agacaatgcc 250
aagaacaccc tgtacctgca aatgagcagt ctgaagtctg aggacacagc 300
catgttttac tgtgcaagag ccctcattag ttcggctact tggtttggtt 350
actggggcca agggactctg gtcactgtct ctgcagccaa aacaacagcc 400
ccatctgtct atccggg 417

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Gly Ser Leu Lys Leu Ser Cys Ala Ala Ser Gly Phe Ile Phe Ser
20 25 30
Ser Tyr Gly Met Ser Trp Val Arg Gln Thr Pro Gly Lys Ser Leu
35 40 45
Glu Leu Val Ala Thr Ile Asn Asn Asn Gly Asp Ser Thr Tyr Tyr
50 55 60
Pro Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala
65 70 75
Lys Asn Thr Leu Tyr Leu Gln Met Ser Ser Leu Lys Ser Glu Asp
80 85 90
Thr Ala Met Phe Tyr Cys Ala Arg Ala Leu Ile Ser Ser Ala Thr
95 100 105
Trp Phe Gly Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ala
110 115 120
Ala Lys Thr Thr Ala Pro Ser Val Tyr Pro
125 130

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<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<221> NAME/KEY: Artificial Sequence
<222> LOCATION: 1-31
<223> OTHER INFORMATION: recombinant immunoglobulin
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<213> ORGANISM: Artificial Sequence
<220> FEATURE:
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199     <213> ORGANISM: Escherichia coli
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209     <223> OTHER INFORMATION: recombinantimmunoglobulin
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216     <220> FEATURE:
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219     <223> OTHER INFORMATION: recombinant immunoglobulin
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222         tgctacaaac gcgtacgctg atatcgtcat gacacagtct caaaaattca 100
223         tgtccacatc agtaggagac agggtcagcg tcacctgcaa ggccagtcag 150
224         aatgtgggta ctaatgtagc ctggtatcaa cagaaaccag ggcaatctcc 200
225         taaagcactg atttactcgt catcctaccg gtacagtgga gtccctgatc 250
226         gcttcacagg cagtggatct gggacagatt tcactctcac catcagccat 300
227         gtgcagtctg aagacttggc agactatttc tgtcagcaat ataacatcta 350
228         tcctctcacg ttcggtcctg ggaccaagct ggagcttcga agagctgtgg 400
229         ctgcaccatc tgtcttcatc ttcccgccat ctgatgagca gttgaaatct 450
230         ggaactgctt ctgttgtgtg cctgctgaat aacttctatc ccagagaggc 500
231         caaagtacag tggaaggtgg ataacgccct ccaatcgggt aactcccagg 550
232         agagtgtcac agagcaggac agcaaggaca gcacctacag cctcagcagc 600
233         accctgacgc tgagcaaagc agactacgag aaacacaaag tctacgcctg 650
234         cgaagtcacc catcagggcc tgagctcgcc cgtcacaaag agcttcaaca 700
235         ggggagagtg ttaa 714
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241     <221> NAME/KEY: Artificial Sequence
242     <222> LOCATION: 1-237
243     <223> OTHER INFORMATION: recombinant immunoglobulin
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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION US/09/489,394

DATE: 02/15/2000
TIME: 15:36:04

Input Set: I489394.RAW

Line	?	Error/Warning	Original Text
1305	W	"N" or "Xaa" used: Feature required	catggtatag gtnnsactta tttacac 27